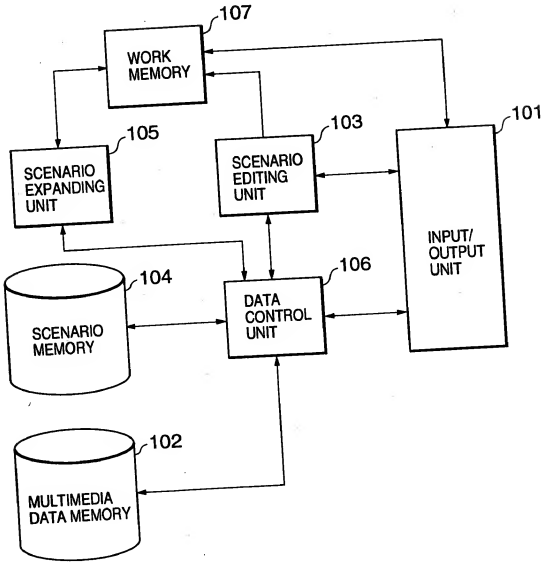



FIG. 1 PRIOR ART

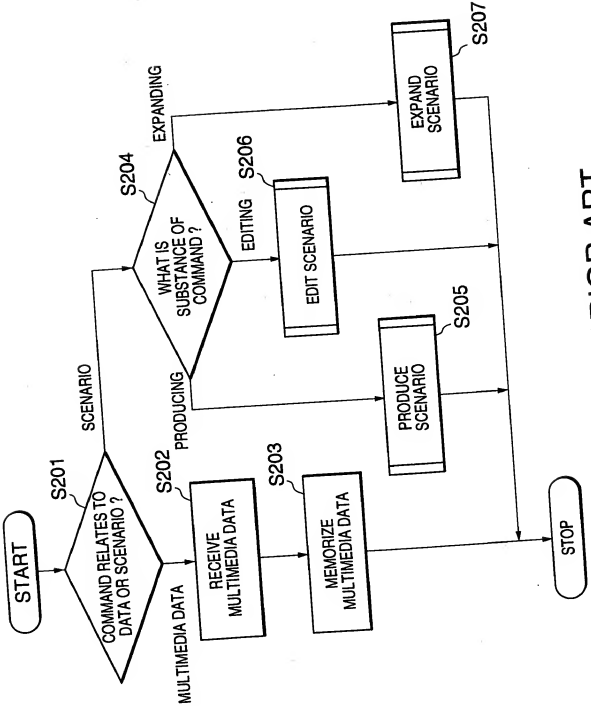



FIG. 2 PRIOR ART

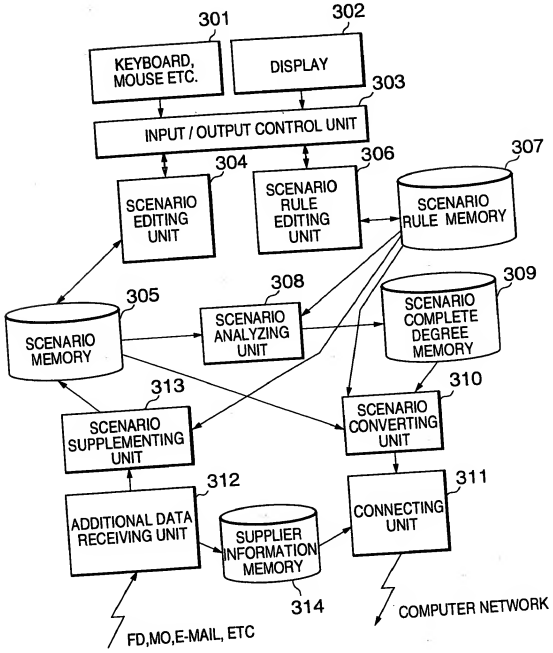

301
KEYBOARD, MOUSE ETC.
302
DISPLAY
303
INPUT / OUTPUT CONTROL UNIT
304
SCENARIO EDITING UNIT
306
SCENARIO RULE EDITING UNIT
307
SCENARIO RULE MEMORY
305
SCENARIO MEMORY
308
SCENARIO ANALYZING UNIT
309
SCENARIO COMPLETE DEGREE MEMORY
313
SCENARIO SUPPLEMENTING UNIT
310
SCENARIO CONVERTING UNIT
312
ADDITIONAL DATA RECEIVING UNIT
SUPPLIER INFORMATION MEMORY
311
CONNECTING UNIT
314
FD,MO,E-MAIL, ETC
COMPUTER NETWORK

FIG. 3

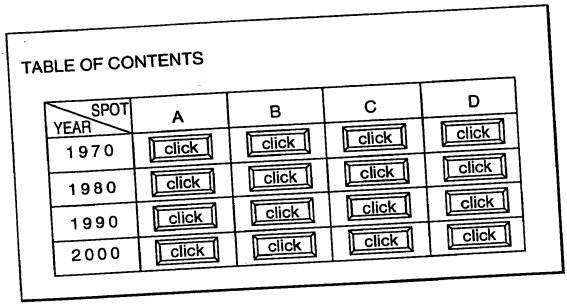


TABLE OF CONTENTS
SPOT
YEAR
A
B
C
D
1970
1980
1990
2000
click

FIG. 4A

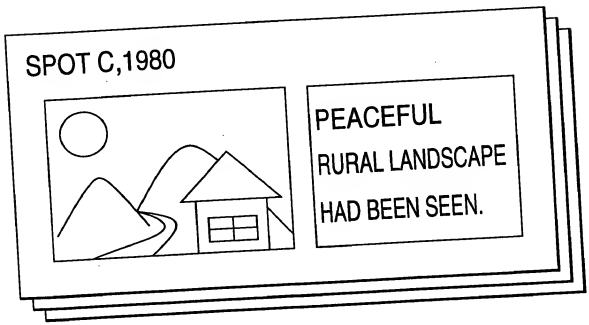

SPOT C,1980
PEACEFUL
RURAL LANDSCAPE
HAD BEEN SEEN.

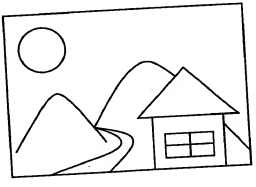
FIG. 4B

TABLE OF CONTENTS

| SPOT / YEAR | A | B | C | D |
|---|---|---|---|---|
| 1970 | | | | |
| 1980 | | | click | |
| 1990 | | | | |
| 2000 | | | | |

FIG. 5A

SPOT C,1980



PEACEFUL RURAL LANDSCAPE HAD BEEN SEEN.

FIG. 5B

FIG. 6A

MAIN TABLE

| NAME OF PAGE | NO. OF DATA TABLE |
|---|---|
| TABLE OF CONTENTS | 001 |
| SPOT C, 1980 | 002 |

FIG. 6B

DATA TABLE 001

| NAME OF DATA | WIDTH | HEIGHT | HORIZONTAL POSITION | VERTICAL POSITION | DISPLAY START TIME | DISPLAY END TIME | TYPE | DETAILS |
|---|---|---|---|---|---|---|---|---|
| TEXT001 | 20 | 10 | 0 | 0 | 0 | ∞ | TEXT | TABLE OF CONTENTS |
| IMAGE001 | 120 | 65 | 5 | 5 | 1 | ∞ | IMAGE | C:¥Table.Jpg |
| BUTTON001 | 15 | 8 | 90 | 40 | 1 | ∞ | BUTTON | LINK TO PAGE SPOT C 1980 |

FIG. 6C

DATA TABLE 002

| NAME OF DATA | WIDTH | HEIGHT | HORIZONTAL POSITION | VERTICAL POSITION | DISPLAY START TIME | DISPLAY END TIME | TYPE | DETAILS |
|---|---|---|---|---|---|---|---|---|
| TEXT001 | 80 | 10 | 0 | 0 | 0 | ∞ | TEXT | SPOT C, 1980 |
| IMAGE001 | 60 | 40 | 10 | 20 | 1 | ∞ | IMAGE | C:¥19870-C.Jpg |
| TEXT002 | 50 | 40 | 80 | 20 | 2 | ∞ | TEXT | PEACEFUL AND RURAL LANDSCAPE HAD BEEN SEEN. : : |

| | |
|---|---|
| TABLE OF CONTENTS | PRODUCED BY OPERATOR |
| THE NUMBER OF PAGES | EXCEPT FOR "TABLE OF CONTENTS" |
| CONSTRUCTION | *MAKE A CONTENT PAGE EVERY CONBINATION OF SPOT AND YEAR<br>*FOLLOW THE PAGE OF "SPOT C, 1980" |
| LINK TO "TABLE OF CONTENTS" | *CLASSIFY RECEIVED DATA ACCORDING TO YEARS OF 1970,1980,1990, & 2000<br>*CLASSIFY RECEIVED DATA ACCORDING TO SPOTS OF A, B, C, & D<br>*LOCATE A BUTTON ACCORDING TO EQUATION F<br>BUTTON POSITION=F(i,j)<br>i=SPOT A, B, C, &D<br>j=1970, 1980,1990, & 2000 |
| ⋮ | ⋮ |

FIG. 7

| | |
|---|---|
| LACKING PAGE | SPOT A, 1970 SPOT B, 1970 SPOT C, 1970 SPOT D, 1970<br>SPOT A, 1980 SPOT B, 1980 SPOT D, 1980<br>SPOT A, 1990 SPOT B, 1990 SPOT C, 1990 SPOT D, 1990<br>SPOT D, 2000 SPOT B, 2000 SPOT C, 2000 SPOT D, 2000 |
| COMPLETE RATE | 1/16 |
| ⋮ | |

FIG. 8

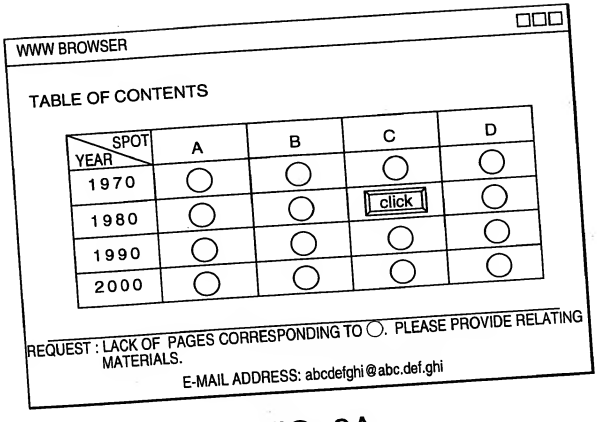

WWW BROWSER
TABLE OF CONTENTS
SPOT
YEAR
A
B
C
D
1970
1980
1990
2000
click
REQUEST : LACK OF PAGES CORRESPONDING TO ○. PLEASE PROVIDE RELATING MATERIALS.
E-MAIL ADDRESS: abcdefghi@abc.def.ghi

FIG. 9A

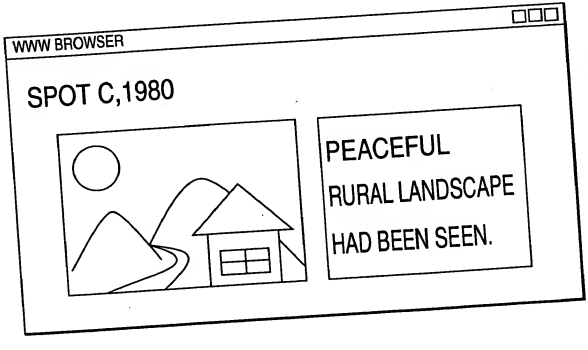

WWW BROWSER
SPOT C,1980
PEACEFUL
RURAL LANDSCAPE
HAD BEEN SEEN.

FIG. 9B

HELLO! THIS IS NICHIDEN TARO.
I FOUND A PICTURE OF A LANDSCAPE AT THE SPOT A IN 1990 WHEN I CLEANED UP MY ROOM. THE PICTURE IS ATTACHED TO THIS MAIL.

LARGE BUILDINGS ARE SEEMINGLY INCREASING IN THOSE DAYS.

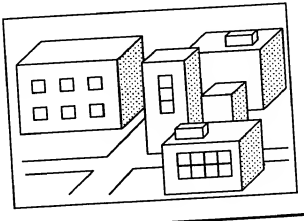


FIG. 10

| NAME OF SUPPLYER | E-MAIL ADDRESS | DATE OF SUPPLY | SUPPLIED INFORMATION |
|---|---|---|---|
| YAMAMOTO HANAKO | Hanako@ ddd.eee.fff | 1998/12/10 | AUDIO, IMAGE |
| NICHIDEN TARO | Taro@ aaa.bbb.ccc | 1998/12/20 | AUDIO, TEXT |
| | | | |

FIG. 11

MAIN TABLE

| NAME OF PAGE | NO. OF DATA TABLE |
|---|---|
| TABLE OF CONTENTS | 001 |
| SPOT C, 1980 | 002 |
| SPOT A, 1990 | 003 |

FIG. 12A

DATA TABLE 001

| NAME OF DATA | WIDTH | HEIGHT | HORIZONTAL POSITION | VERTICAL POSITION | DISPLAY START TIME | DISPLAY END TIME | TYPE | DETAILS |
|---|---|---|---|---|---|---|---|---|
| TEXT001 | 20 | 10 | 0 | 0 | 0 | ∞ | TEXT | TABLE OF CONTENTS |
| IMAGE001 | 120 | 65 | 5 | 5 | 1 | ∞ | IMAGE | C:¥MAP.Jpg |
| BUTTON001 | 15 | 8 | 90 | 40 | 1 | ∞ | BUTTON | LINK TO PAGE SPOT C, 1980 |
| BUTTON002 | 15 | 8 | 40 | 50 | 1 | ∞ | BUTTON | LINK TO PAGE SPOT A, 1990 |

FIG. 12B

DATA TABLE 002

| NAME OF DATA | WIDTH | HEIGHT | HORIZONTAL POSITION | VERTICAL POSITION | DISPLAY START TIME | DISPLAY END TIME | TYPE | DETAILS |
|---|---|---|---|---|---|---|---|---|
| TEXT001 | 80 | 10 | 0 | 0 | 0 | ∞ | TEXT | SPOT C, 1980 |
| IMAGE001 | 60 | 40 | 10 | 20 | 1 | ∞ | IMAGE | C:¥1980-C.Jpg |
| TEXT002 | 50 | 40 | 80 | 20 | 2 | ∞ | TEXT | PEACEFUL RURAL LANDSCAPE HAD BEEN SEEN |

FIG. 12C

DATA TABLE 003

| NAME OF DATA | WIDTH | HEIGHT | HORIZONTAL POSITION | VERTICAL POSITION | DISPLAY START TIME | DISPLAY END TIME | TYPE | DETAILS |
|---|---|---|---|---|---|---|---|---|
| TEXT001 | 80 | 10 | 0 | 0 | 0 | ∞ | TEXT | SPOT A, 1990 |
| IMAGE001 | 60 | 40 | 10 | 20 | 1 | ∞ | IMAGE | C:¥1990-A.Jpg |
| TEXT002 | 50 | 40 | 80 | 20 | 2 | ∞ | TEXT | LARGE BUILDINGS ARE SEEMINGLY INCREASING IN THOSE DAYS |

FIG. 12D

| | |
|---|---|
| LACKING PAGES | SPOT A, 1970 SPOT B, 1970 SPOT C, 1970 SPOT D, 1970<br>SPOT A, 1980 SPOT B, 1980 SPOT D, 1980<br>SPOT B, 1990 SPOT C, 1990 SPOT D, 1990<br>SPOT A, 2000 SPOT B, 2000 SPOT C, 2000 SPOT D, 2000 |
| SCENARIO COMPLETE RATE | 2/16 |
| ⋮ | |
| ⋮ | |

FIG. 13

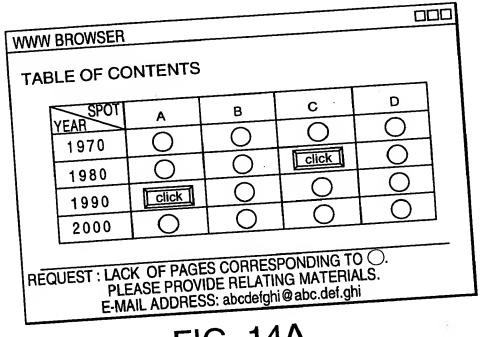



FIG. 14A

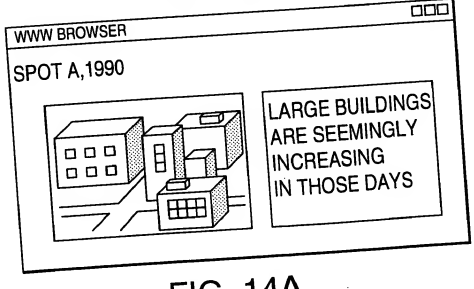



FIG. 14A